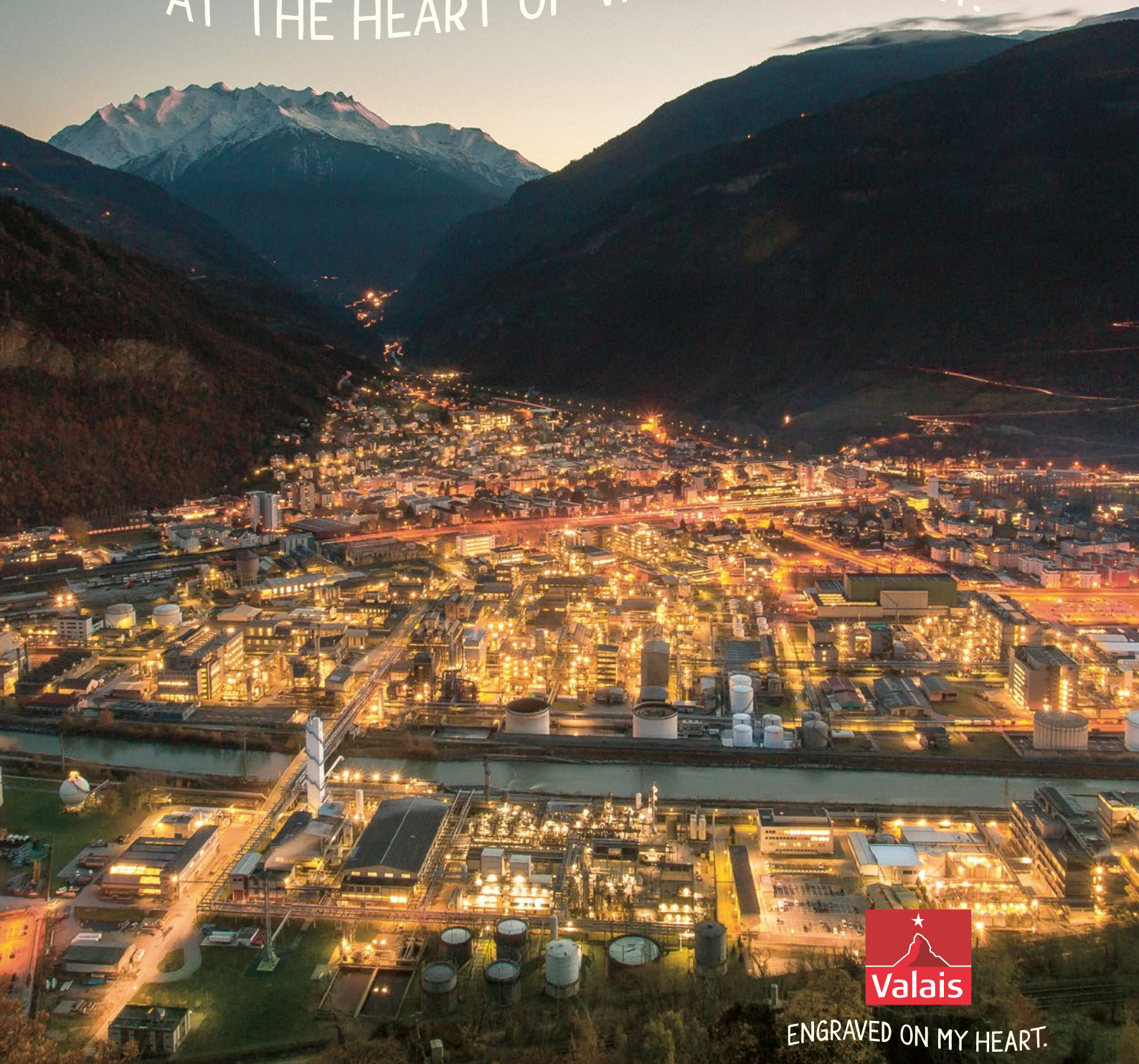


THE HEIGHT OF SKILLS
AND INNOVATION.

AT THE HEART OF VALAIS INDUSTRY.



ENGRAVED ON MY HEART.

Summary.

Editorial	3
In the heart of Europe	4
Valais statistics	5
Valais industry statistics	6
<hr/>	
Food production	8
Automobile and aviation industry	10
Well-being and beauty	12
Cleantech	14
Energy	16
Construction machinery	18
Precision mechanics	20
Microtechnology	22
Pharmaceuticals, chemistry and biotechnology	24
Health and medtech	26
Information and communication technology (ICT)	28
Innovation, research and development	30
<hr/>	
Valais. An experience without limits.	32
The Valais brand	33
Partners	34
List of companies	35

Valais, land of industry!

Situated in the heart of the Alps in a breathtaking natural setting that alternates between green plains and deep snow, Valais is also notable for its flourishing industry which combines cutting-edge technologies and innovative competence centres.

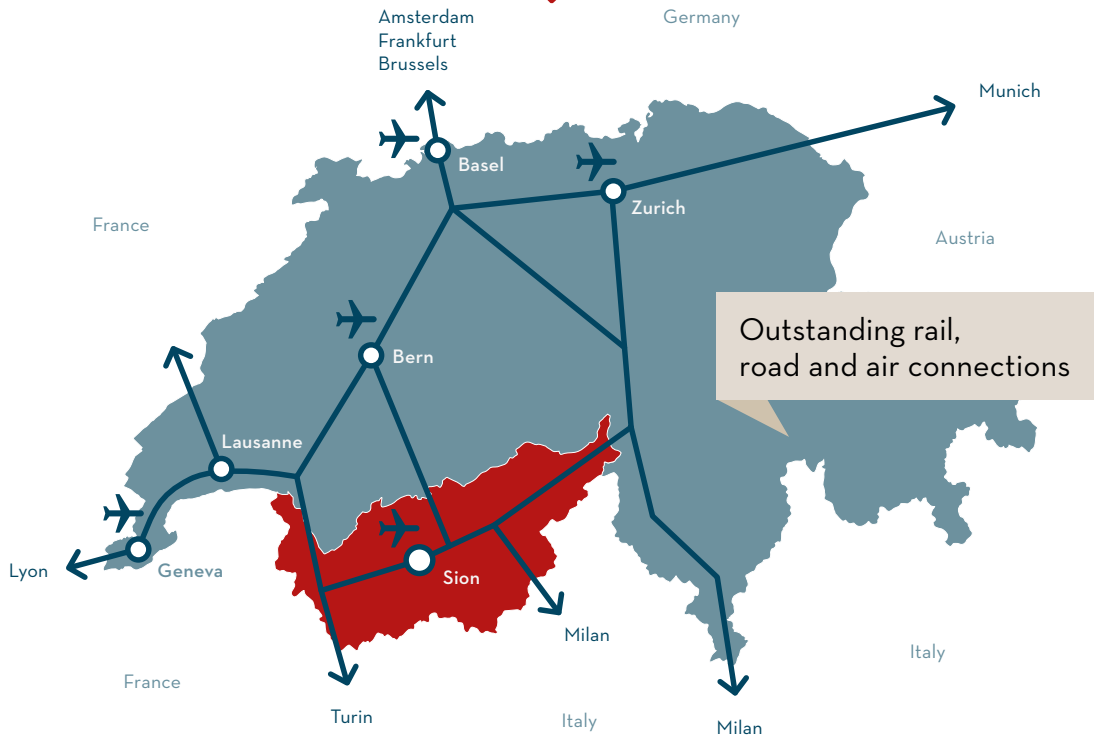
From family-run SMEs to budding start-ups and large international groups, Valais stands out by offering ideal conditions for industry and technology, which marks it out as a canton of excellence and quality. Driven by the dynamic which runs through the canton, the industries of Valais are combining their forces on joint projects. This brochure represents another step towards strengthening cooperation within Valais industries. You'll see Valais in a new light - a Valais of great diversity and remarkable expertise.



Christophe Darbellay
Cantonal Councillor
Head of the Department
of Economy
and Education

In the heart of Europe.

A strategic position on the north-south axis



Valais statistics.

522,422 hectares
of land (2nd largest canton in
Switzerland), of which only
18,463 hectares
is used for housing
and infrastructure



>330,000 inhabitants
of whom 174,000 are
engaged in gainful activity



17.3 billion
francs GDP



**45 peaks above
4,000 metres**
including the Matterhorn,
which stands at 4,478 m



300 days
of sun per year. Valais is the
sunniest region in Switzerland



2 official languages
French and German

Valais industry statistics.



21,000
jobs in Valais industry



25%
of the cantonal added value
is created by industry



Rated 2nd Swiss canton
in life sciences



**Largest aluminium
research and
production centre**
located in Sierre



1 in every 2 francs
is made from exports



28%
of Swiss hydroelectricity
is generated in Valais



Food production.

Mineral water, dried meats, mountain herbs, sweeteners or even fillets of perch fish... what do they have in common? They all contribute to the canton's reputation within the food industry. As Switzerland's water reservoir, Valais is home to the largest bottler of mineral water in the country. This lesser-known expertise adds up to the richness of the local products. From Upper to Lower Valais, the exceptional quality and flavour of these products are waiting to be discovered.



Mineral waters.

Right from its creation in 1947, Aproz Sources Minérales SA has been committed to respecting the environment and protecting its precious resources at the heart of the Alps, but also to transporting more than 90% of its production by rail. The company, which is also a player in the soft drinks market, bottles the Pepsi, 7Up and Orangina brands, amongst others.

i This Valais-based company is the Swiss market leader in syrups.

Food products and supplements.

Sanaro SA stands out as a versatile sub-contractor with a diverse range of products. The company, which has an FSSC (Food Safety System Certification), specialises in the production and packaging of food products and supplements. The Assugrin, Hermesetas and Taxofit brands are all developed and produced in Vouvry. The company relies on the expertise and employees's loyalty.

i 400 tonnes of sweetener tablets are produced each year in Vouvry. If they were placed end-to-end, they would cover enough distance to stretch around the world.



Fish Farming.

At first glance, the idea of producing perch fillets in Raron may seem absurd. However, Valperca has been riding a wave of success since 2009. Using the temperate waters flowing directly from the Lötschberg massif, the company breeds perch in a closed system. By mastering a process that is used nowhere else in the world from the egg to the fil-

let, they produce delicious and high-quality perch fillets.

i A kilometre-long pipe has been installed to collect the 18°C water that flows from the Lötschberg. It is then heated to 21°C to rear the fish.



Did you know?



Valais is also a land of caviar! Kasperskian AG, based in Susten, produces quality eggs without killing the sturgeons - a revolutionary technique. They have invested over 30 million francs.

Salting.

At Cher-Mignon, dried meat is a family affair - and a passion! The story started in 1910 with the first recipes created by François Bagnoud. A century later, salting is still carried out by the family in a drying room known as "the cathedral", which is perched at an altitude of 1200 m. The recipe remains the same as the one dreamt up by the first generation and is a closely guarded secret.

i The mixture of salt, spices and aromatic herbs is still sprinkled by hand on every piece of meat.



Automobile and aviation industry.

Jaguar, Mercedes and Audi: the canton's expertise is attracting big brands in the automotive industry. Vehicles around the world produced by these brands feature body panels, metallic paints, air-conditioning systems and intelligent sensors that are made in Valais. And this expertise is also being deployed in the aviation industry.

Aluminium.

Novelis is the largest producer of laminated aluminium products and one of the most prolific recyclers of aluminium in the world. The site in Sierre hosts two production facilities and a European centre for research and development. It is the leader for the development and production of body panels in the automotive industry. In light of the global standardisation of aluminium bodywork production, the factory in Valais focuses on excellence and innovation.

i Novelis designs and supplies the aluminium for Jaguar and Land Rover bodywork.

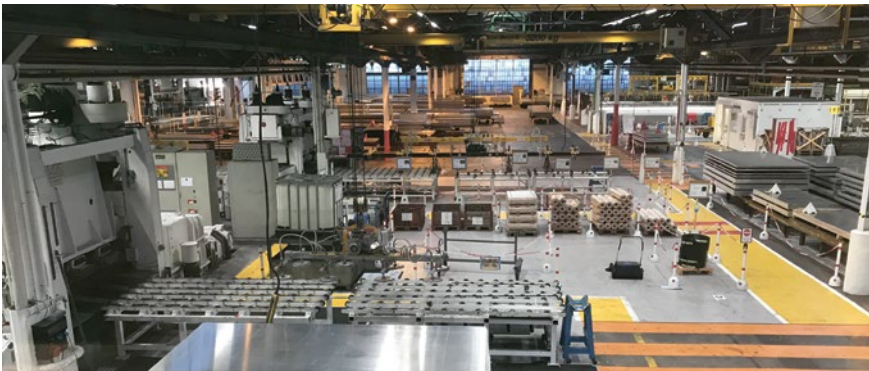


Aerospace and railways.

As world market leader in the development and fabrication of innovative aluminium-based products, Constellium employs 700 staff in Valais at its sites in Siere, Chippis and Steg. 60% of the aluminium used is recycled and used to design high value-added parts for the aerospace, machine and rail industries.

The company has some big-name clients, including Stadler Rail, Siemens and Alstom.

i Constellium also has a large training centre that celebrates its 100th anniversary in 2017.



Did you know?



It is now possible to obtain a drone operation diploma, thanks to the training course provided by the start-up Fly & Film in Valais. Feel like a change of career?

Pigments.

The German manufacturing group ECKART is world market leader in the production of metallic pigments. It operates within the paint, coatings, graphic arts, plastics, aerated concrete and even cosmetics sectors. The ECKART Switzerland SA site Vétroz exports everything it produces in terms of powder, zinc pastes and alloys, which are

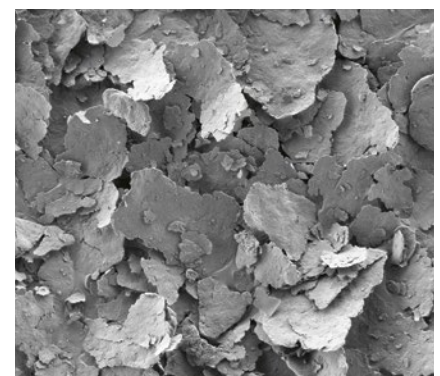
mainly designed for the automotive industry.

i The company processes more than 3,500 tonnes of zinc ingot in powder and paste annually, the pigments of which have an average diameter of 20 microns.

Sensors.

The manufacturing site of the company Adatis in Martigny makes technical parts for the automotive industry. Parking sensors, gear boxes, as well as fuel consumption and engine temperature sensors are designed by the 55 employees who work at the group's second largest site. The parts are sold to top automotive suppliers such as Continental, Delphi and Bosch. Ford, Audi, Volvo and Mercedes all use sensors produced by Adatis.

i 125,000 proximity sensors leave the Adatis factory every day. One in five cars in the world are equipped with them.



Well-being and beauty.

Although it's well-known for its vineyards and its sun-drenched fruits, Valais holds some other little-known treasures. A multitude of aromatic and medicinal plants with recognised active ingredients grow on the mountainsides, such as Edelweiss, a protected plant, and Arnica, known for its healing properties. Soothing, revitalizing or regenerating, these plants work just as well in skin creams as they do in teas or sweets.



Aromatic Herbs.

Valplantes cultivates forty hectares of aromatic herbs throughout the canton. Bringing together 35 producers, the co-operative has been producing organic plants for over thirty years. Peppermint, sage, lemon balm and thyme, as well as more than thirty other species are harvested and dried in Grimisuat. Most are found in the famous Ricola sweets, but they are also used in Grand-Saint-Bernard spices, flavoured cold teas and cosmetics.

i Sage is the most widely produced aromatic herb in Valais, with 40 tonnes produced annually.

Cosmetics.

Day creams by leading brands are sure to contain a touch of Valais! Cosmotec and Laboratoires Biologiques Arval make cosmetic products for third parties, often including extracts from alpine plants. The companies, based in Vouvry and Conthey respectively, are leaders in this field and are active around the world, covering European, Asian and North American markets.

i The Cosmotec manufacturing plant is fed by its own source of pure water that draws its strength from the heart of the Valais mountains.



Plant Extracts.

DSM Nutritional Products Ltd in Vouvry specialises in the exploitation of alpine plant extracts and is at the interface between producers and manufacturers of finished cosmetic products. The ingredients have moisturising, antioxidant, anti-aging and calming qualities, to name just a few. The company was also the first to develop extracts from the Edelweiss,

the iconic flower of the Swiss Alps. All ALPAFLOR® extracts are certified fair trade.

i DSM Nutritional Products Group is one of the world leaders in vitamins and sunscreens.



Did you know?

60% of Swiss aromatic and medicinal plants are cultivated in Valais



Natural Supplements.

Pharmalp combines ancestral knowledge with advanced research to create high added value products based on organically farmed alpine plants. Since 2012, the company has made use of the properties of Swiss mountain herbs in developing a range of supplements and soothing gels, complemented by a range of probiotics. The latter help to fight against digestive

discomfort, allergies and the first signs of a cold in a natural fashion.

i Pharmalp's Alpine pastilles, probiotics and spirulina are popular with top athletes.



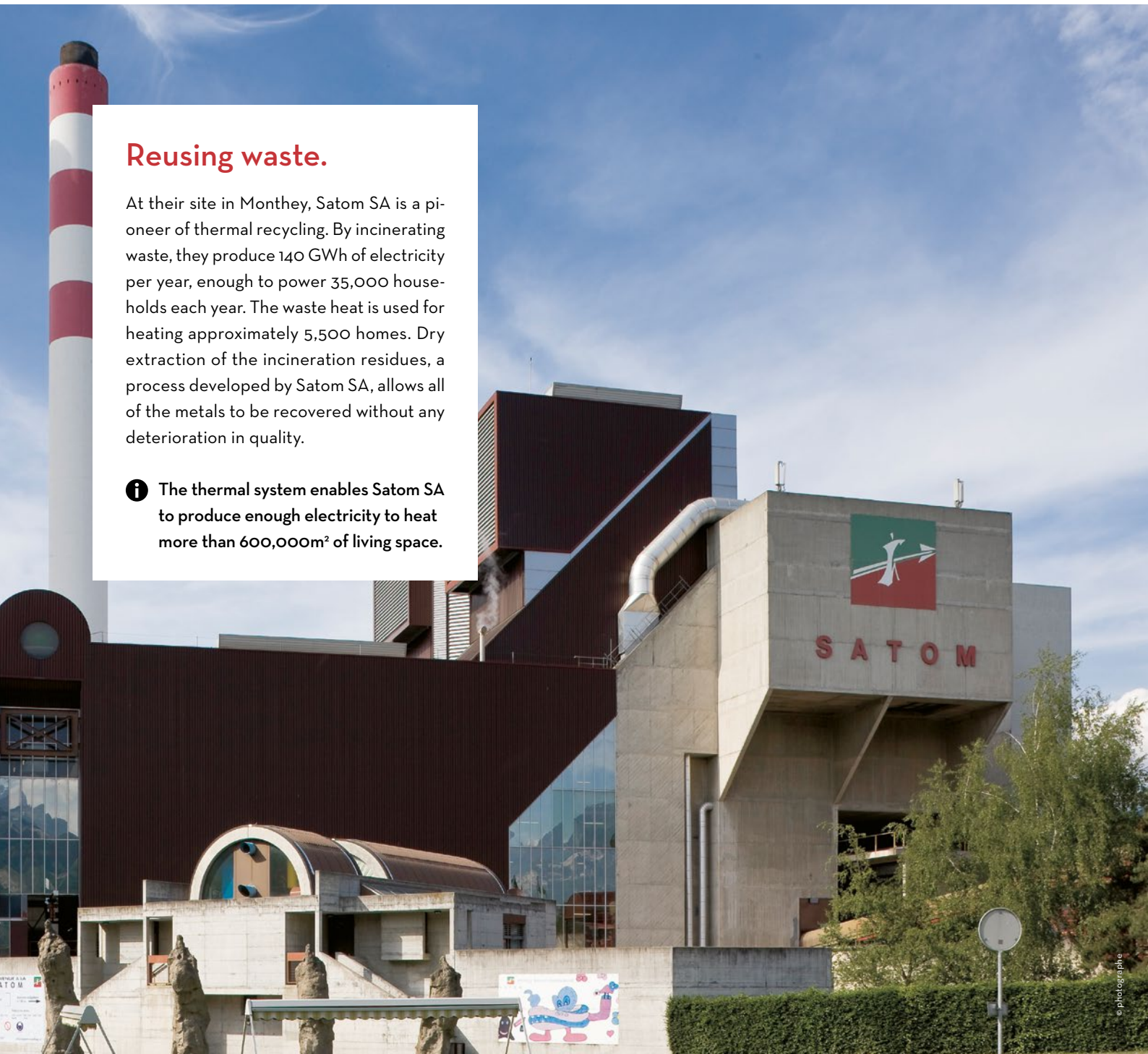
Cleantech.

Cleantech - or clean technology - makes it possible to combine productivity and respect for the environment, particularly through the development of natural resources. Valais companies stand out in their field, whether it's in preserving water quality, using waste as a raw material and energy source, or revolutionary processes in the world of textiles. To strengthen the development of their activities, the cantons of western Switzerland have launched CleantechAlps, a platform for the joint promotion of clean technologies.

Reusing waste.

At their site in Monthey, Satom SA is a pioneer of thermal recycling. By incinerating waste, they produce 140 GWh of electricity per year, enough to power 35,000 households each year. The waste heat is used for heating approximately 5,500 homes. Dry extraction of the incineration residues, a process developed by Satom SA, allows all of the metals to be recovered without any deterioration in quality.

i The thermal system enables Satom SA to produce enough electricity to heat more than 600,000m² of living space.



Water purification.

Purifying water in order to make it drinkable is one of Membratec's main activities. Based in Sierre, the company has been designing, constructing and commercialising treatment facilities for the production of drinking water for public authorities since 1997. It incorporates membrane treatments in its complex water treatment systems. These systems allow the different components in a fluid to be separated according to their size. An ultrafiltration membrane provides a physical barrier to viruses and bacteria.

i Membratec is the Swiss leader in the field of ultrafiltration with more than 60 plants in operation, of which twenty are in Valais municipalities. Its achievements over two decades have supplied pure drinking water to more than one million consumers in total.



Electrochemistry.

Transforming molecules without chemicals: the Valais company RedElec Technologie does this by using electrochemistry. The first application of this process was in the jeans industry, where the indigo dye was prepared without the use of a chemical agent. Today, the company is using electrochemistry to tackle micro-pollutants in an ambitious water treatment project.

i RedElec has contributed to the development of the world's most environmentally friendly jeans.

Did you know?



The first Swiss electric stunt aircraft was designed by the company Hangar 55 in Upper Valais.

Water treatment.

Aqua-4D Water Solutions offers innovative electromagnetic water treatment solutions. Aqua-4D technology aims to modify the physical properties of water. The technology restores a more natural structure to water, which has been damaged by the increasing amount of electromagnetic radiation of our modern lifestyle. Operating without chemicals

or maintenance, Aqua-4D can be used in homes, irrigation and livestock systems.

i In 2009, the company won the "Most Promising European Cleantech Start-up" award and has undergone strong international development since 2015.



Energy.

With its 46 dams, Valais produces more than a quarter of the hydroelectric power consumed in Switzerland. Benefiting from more than 300 days of sunshine per year, the canton encourages the installation of photovoltaic panels. Alongside solar energy, there are also wind power and biomass - energy produced from the breakdown of organic materials. These clean, sustainable and efficient resources allow the canton to control its energy consumption.

Hydroelectricity.

The canton of Valais owns the majority of FMV SA, whose aim is to promote the use of hydroelectricity produced by the public authorities in Valais. The company is active in the production of hydroelectricity, supra-regional distribution and electricity trading. FMV's production facilities, which are spread throughout the canton, generate about 1 billion kWh of clean, renewable and indigenous energy annually, which covers about one third of the electricity consumption in Valais. As a key player in the industry, FMV plays a central role in the canton's hydraulic power strategy.

i FMV produces enough energy each year to power around 250,000 standard households.



Solar.

Studer Innotec's mission is to provide reliable and sustainable energy. Each year, the company manufactures more than 20,000 inverters at its factory in Sion. They are developed mainly for isolated sites, but also for embedded systems (such as cars, boats, aircraft), for industry and for emergency power supplies. Studer Innotec offers more than 60 models of inverters, inverters/chargers

and MPPT load controllers to meet its customers' needs throughout the world.

i One example of where Studer Innotec's inverters are used is for the emergency supply of electricity for cashier desks and the computer network at the football stadium in Johannesburg, South Africa.



Did you know?

For more than 40 years, Valais has been manufacturing its own solar thermal collectors with Energie Solaire in Sierre.



Mini hydroelectric power stations.

Generating hydroelectricity does not necessarily require large infrastructure. The Pelton turbines manufactured by the Jacquier-Luisier mechanical workshop prove that it is possible to produce energy from small rivers or from existing drinking water systems. Several Valais municipalities use these mini-hydroelectric power stations on rivers generating small or medium hydraulic head. The quality of these machines guarantees an

energy yield of 90%. All are made-to-measure in the workshop in Evionnaz and offer ready-to-go solutions.

i Mini-hydroelectric power plants from 80 kW to 2000 kW can be installed in municipalities to produce electricity that is both local and sustainable.

Wood.

Providing heating with local and renewable material; this is the motto of Valpellets, which produces and sells some 10,000 tonnes per year of wood pellets at its production site in Uvrier. The company harnesses the energy potential of the region's forests to create a clean heating solution. The chips and sawdust are dried, ground and then pressed at the central Valais waste treatment plant (UTO), which reuses the heat diffused in the process to supply district heating to consumers.

i Valpellets' annual production capacity equates to the pellet consumption of 1,000 households, 10 schools and 2 district heating plants.



Construction machinery.

Thanks to its pool of highly qualified engineers, its openness and its competitiveness, Valais is home to a number of successful industries that manufacture innovative machines for the agri-food, fashion and health sectors. Some of these companies have emerged as world leaders in their field. With a largely international clientele, the majority of products created in Valais are destined for export.



Carbon electrodes.

Since 1986, R&D Carbon, based in Sierre, has been the great success of a former director of an Alusuisse research centre. The company specialises in optimising the cost of metal production on a global scale. Its activity has contributed to the massive reduction of this industry's environmental impact. R&D Carbon offers producers of carbon electrodes its know-how, including equipment for testing the quality of their raw materials.

- i** Test equipment for carbon electrodes for the global market is 100% developed and manufactured in Switzerland and assembled in Valais.

Industrial knitting machine.

The first electronic knitting machine was produced by Steiger Participations in Vionnaz. Since the creation of its Electra machine in 1979, the company has constantly developed the design and sales of industrial flat-knitting machines. Steiger specialises in machinery for the high-end fashion industry and has established itself as the world leader in medical and orthopaedic applications. The Chinese group, Ningbo Cixing Co. Ltd, acquired the company in 2010 and its market now covers Europe, Asia and America.

i Steiger has recently developed a knitting machine for the production of 3D composite materials made of carbon fibre.

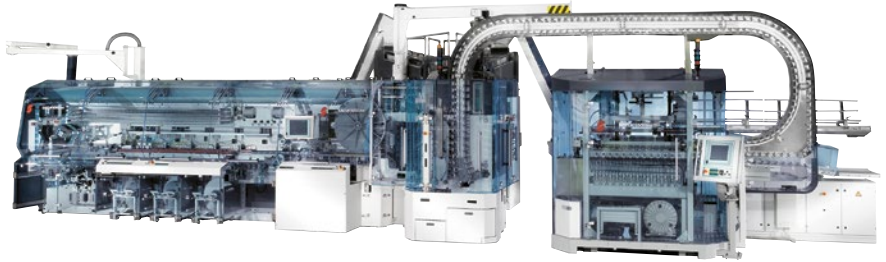


Plastic tubes.

AISA Automation Industrielle SA designs and manufactures machines for the production of laminated and plastic tubes for the packaging of toothpaste, cosmetics, food, pharmaceutical and technical products. For 55 years, this family business has been innovating and diversifying in order to establish itself in a competitive environment and to maintain its po-

sition as world market leader. Its international clientele includes major brands such as Colgate and Procter & Gamble.

i One out of every two toothpaste tubes in the world comes from an AISA machine manufactured in Vouvry.



Did you know?



Lemtronic SA produces tailor-made machines from start to finish, from design, manufacturing, assembly, wiring and programming, to testing and refinement.

Super-automatic coffee machines.

Eversys has developed its machine in order to extract the essence of the coffee bean, while respecting the tradition of the espresso. With machines distributed in more than 35 countries, the technique developed by Eversys is highly regarded internationally. Thanks to a user-friendly electronic interface, coffee professionals (baristas) have access

to a multitude of settings so they can refine the unique flavours and aromas of coffee.

i One of the models in the range can make 525 espressos per hour and takes up only 84cm in width on the counter.



Precision mechanics.

Quality and precision are typical Swiss values that are perfectly embodied by the thirty or so mechanical workshops in Valais that manufacture their own products or products for other companies. Thanks to an extensive and high-performance machine fleet, these companies produce parts that are precise to the nearest micron, right through to machines of several tonnes intended for the general public and prestigious customers such as CERN in Geneva.



Mechanical parts.

The Sierre-based company Reco Mécanique SA is involved in the production of medium- to large-scale mechanical parts for the hydropower, food and transportation sectors – a niche market in which the company has operated since 1956, creating unique parts by two main processes: CNC milling and CNC turning. Mechanical welding of steel, stainless steel and aluminium parts are all areas of expertise within this family business.

i Reco Mécanique SA can produce parts weighing up to seven tonnes.

Speakers.

Founded in 2010, the Stenheim company, based in Vétroz, designs loudspeakers composed entirely of aluminium. Aluminium produces better sound dynamics than wooden speakers, bringing the sound to life. The state-of-the-art components of the damping layers and partitions prevent any resonance for a perfectly clean sound. Stenheim loudspeakers are designed for audiophiles and consumers who demand high-quality sound. Over a hundred pairs are produced annually in Valais.

i Stenheim has created some limited-edition loudspeakers for the 50th anniversary of the Montreux Jazz Festival.



Accessories for electrical appliances.

Craftsmen, DIY enthusiasts and industrial employees will all have used accessories for electric appliances developed by Scintilla SA. The company, which is owned by Bosch, manufactures them on its site in St-Nicolas in Valais, before distributing them around the world. 7,000 different items are already available on the market. And their offering continues

to grow to meet the high expectations of a growing number of users.

i Scintilla's manufacturing site, which has been in St-Nicolas for 70 years, is the largest employer in the Zermatt Valley.



Did you know?



The famous Silver Star roller-coaster at Europa-Park was designed by the company Bollinger & Mabillard, which is based in Monthey.

High-end machining.

Valprécision lives up to its name! Based in Chippis, the company specialises in sub-contracting work in the precision mechanics sector. They carry out machining work to the nearest micron on parts weighing up to four tonnes: this is specialist work for which Valprécision has roughing machines, an air-conditioned finishing workshop and an assem-

bly and painting workshop as well as revision facilities for high-precision machine tools.

i To guarantee the highest level of precision, the company keeps the premises at between 21.5 and 22 degrees all year round.



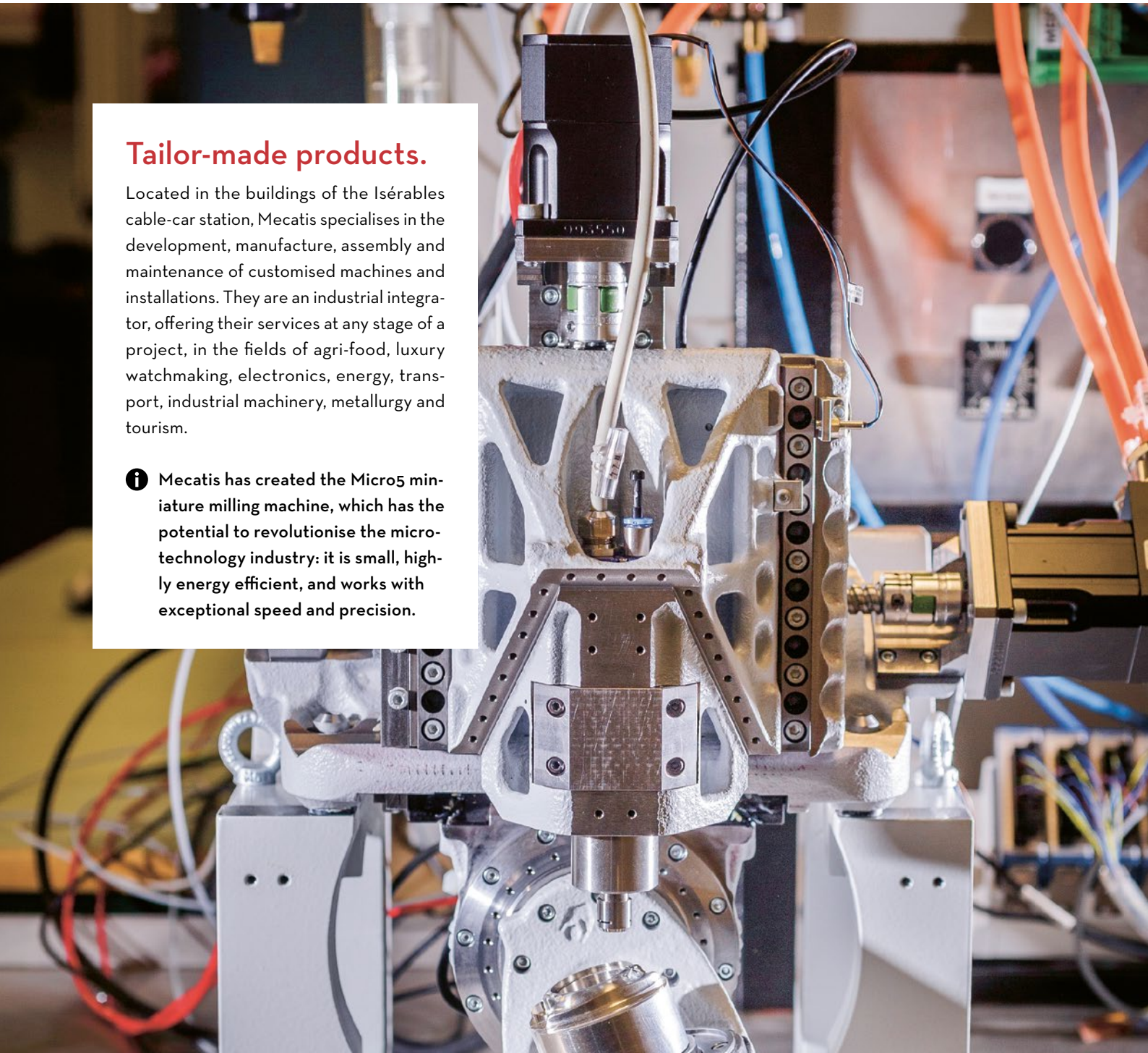
Microtechnology.

The watch industry is not just limited to the Jura valleys. Valais also plays a leading role thanks to its innovative and creative businesses. The success of these companies is down to their visionary, bold and discreet pool of talent who are specialists in the field of microtechnology. Infinitely small pieces are machined to within a thousandth of a millimetre and their unrivalled quality is recognised by some of the world's biggest brands.

Tailor-made products.

Located in the buildings of the Isérables cable-car station, Mecatis specialises in the development, manufacture, assembly and maintenance of customised machines and installations. They are an industrial integrator, offering their services at any stage of a project, in the fields of agri-food, luxury watchmaking, electronics, energy, transport, industrial machinery, metallurgy and tourism.

i Mecatis has created the Micro5 miniature milling machine, which has the potential to revolutionise the microtechnology industry: it is small, highly energy efficient, and works with exceptional speed and precision.



Microcomponents.

Mimotec, with its global reputation for high-end watchmaking, manufactures micro-parts such as wheels and springs for the mechanical movements of watches using the UV LIGA method. The process can be compared to photofabrication and makes production more competitive than when using traditional methods. In partnership with its subsidiary Sigatec, Mimotec can also provide customised miniature components. Often used for de-

corative purposes, this technology allows components to be identified, thus preventing counterfeiting.

- i** Three million units are produced for watchmakers every year in the Mimotec factory in Sion.



Did you know?



One of the oldest brands of Swiss watches, West End Watch Co., is based in Leytron.

Microswitches.

Microprécision Electronics SA started out in the 1950s as a supplier for the Swiss watch industry. Today, the Vouvry-based company manufactures microswitches and switches, as well as high-precision light indicators and resistors. Used in demanding industrial applications, the products have high technical specifications

in terms of temperature, accuracy and service life.

- i** The satellites orbiting Jupiter feature elements manufactured in the USA by Microprécision Electronics.

Smart watches.

Founded in 1966, the watchmaking company Soprod develops and manufactures mechanical movements using a variety of items such as assortments, levers, balance wheels, escapement wheels and balance springs. Today, Sion-based company stands out thanks to its manufacture of movements and complete systems for smartwatches. Its latest innovation is a movement which is linked to a smartphone application to provide a fully customisable notifications interface.

- i** Soprod helped develop Breitling's analogue smartwatch.



Pharmaceuticals, chemistry and biotechnology.

From the beginning of the 20th century, Valais has attracted numerous companies who operate in the field of pharmaceuticals and chemistry, thanks in particular to abundant and affordable hydraulic energy. Those early pioneers have now become international groups recognised for the quality of their products. They have been joined by biotechnology companies which develop medicines and phytosanitary products in Valais.

Composites.

The multinational company Huntsman, via its Advanced Materials division in Monthey, provides complex chemical solutions (epoxy resins, polymers, adhesives including Araldite®) for high-tech industries such as aerospace, automotive, construction, electronics, electricity, medical and sport, where high-performance materials are required.

i The resin used for the construction of Airbus and Boeing aircraft is from the Huntsman factory in Monthey.



Medication.

Debiopharm Research & Manufacturing SA is a bio-pharmaceutical group specialised in the development of drugs to fight against cancer, infectious diseases and rare diseases. The production site is located in Martigny and employs around 150 people. In Valais, the group works with many local subcontractors, thus contributing to the dynamism of the regional economy. Its buildings along the elbow of the Rhone river also contain a world-famous research laboratory.

- i** Over fifteen years, more than 120 million francs have been invested in infrastructure and development by Debiopharm in Valais.



Explosives.

Based in Gamsen near Brig, the Société Suisse des Explosifs (SSE) is an industrial group that produces explosives for civilians and pyrotechnics, as well as being a specialist in chemical production through its company Valsynthèse. SSE is the leading supplier of explosives and mining accessories in Switzerland, and is one of the world leaders in the production of pentrite and detonating cord. Its exper-

tise is widely recognised in international markets. The SSE group currently employs more than 500 people across seven countries.

- i** SSE manufactured the explosives required for the nose cone of the Ariane rocket launcher.



Did you know?



Every year, the inter-cantonal school of laboratory chemists and biologists trains hundreds of apprentices at the sites in Visp and Monthey.

Chemistry and Pharmaceuticals.

Founded on the banks of the Lonza in Gampel at the end of the 19th century, the eponymous company today carries out advanced preparations in the field of chemistry and pharmaceuticals on its site in Visp. Although Lonza is now active all over the world, the site in Upper Valais remains of crucial importance, employing 2,700 employees and generating around

1 billion in turnover, more than a quarter of the company's total income.

- i** The site in Visp develops special chemicals that are used in many medicines to fight Alzheimer's and cancer.



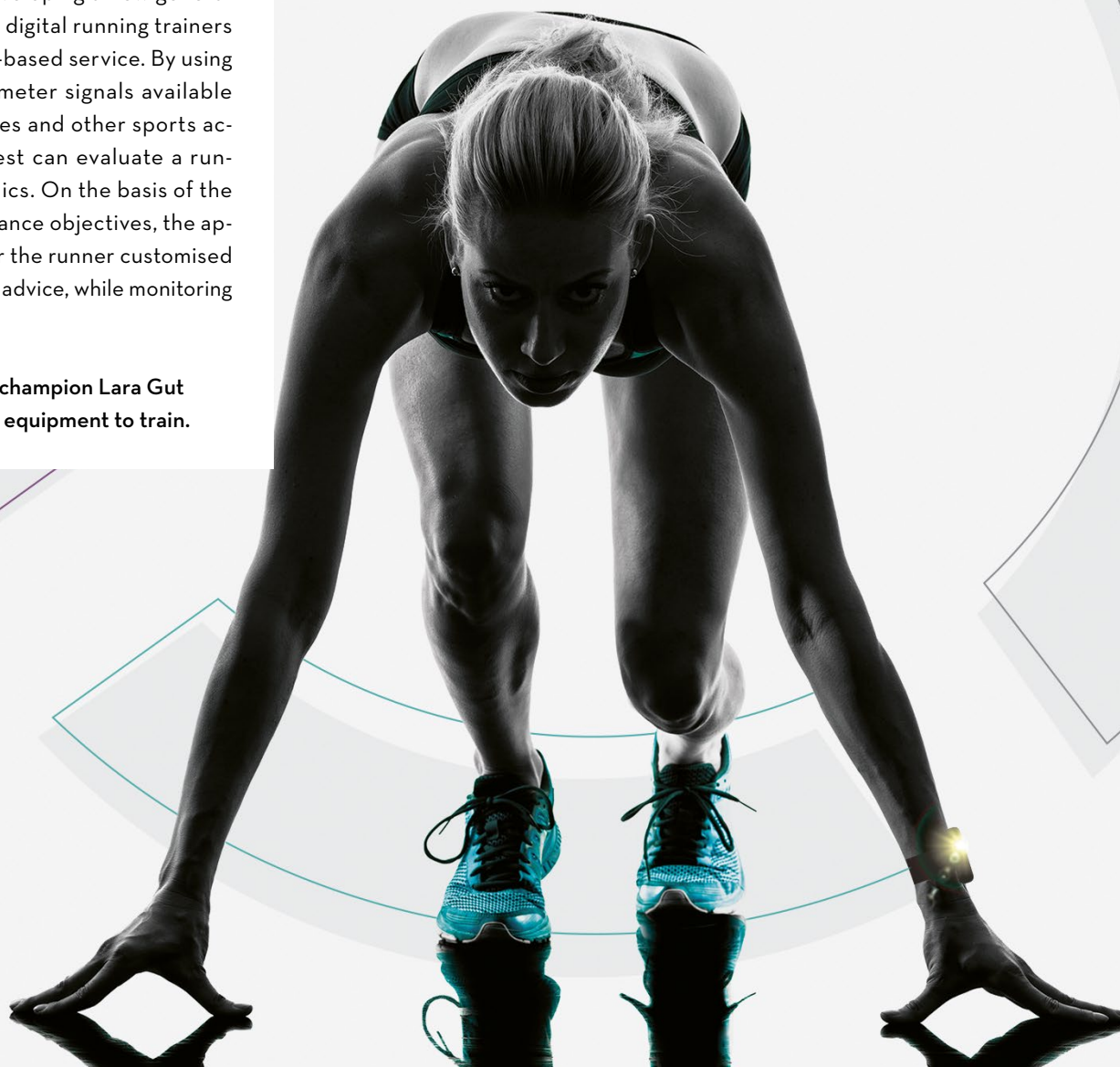
Health and medtech.

An entrepreneurial and pioneering spirit, business incubators, an established top-tier university are the fundamental ingredients which make of Valais a land of innovation. In the field of health, the links in the value chain are all present, from research to commercialisation, via the design of medical equipment. Thanks to these companies and start-ups, Valais plays a key role in determining the medicine of the future.

Measuring devices.

Myotest SA is developing a new generation of intelligent digital running trainers including a cloud-based service. By using the 3D accelerometer signals available on all smartphones and other sports accessories, Myotest can evaluate a runner's bio-mechanics. On the basis of the runner's performance objectives, the application will offer the runner customised training plans and advice, while monitoring their progress.

i Alpine skiing champion Lara Gut uses Myotest equipment to train.



Medical devices.

TRB Chemedica SA in Vouvry specialises in the research, development, manufacture and distribution of medical devices in the fields of rheumatism and ophthalmology. They focus on intra-articular viscosupplementation and artificial tears. The site also produces GM1, a very promising ganglioside against neurodegenerative disorders.

i Approximately 1.5 million vials, the entire global production of the group's intra-articular injectable products, are produced at its factory in Vouvry.



Did you know?



The Valais-based start-up Eyeware, alongside the Swiss Clinic for Rehabilitation and Support in Western Switzerland and the Ark Foundation, is developing technologies that will allow those with reduced mobility to control a computer with their eyes.

Therapeutic proteins.

ExcellGene is a company that specialises in innovative research and development services for businesses involved in the biotechnology and pharmaceutical sectors at an international level. Thanks to ExcellGene's development of miniature bioreactors, the process for producing therapeutic proteins is now much quicker and less expensive. These proteins are used by pharmaceutical companies in the composition of medication, and are used



Intolerance testing.

IHMA Europe Sarl studies new and existing antimicrobials in vitro, and also has a benchmark and collection laboratory for Phase II, III and IV clinical trials of clients affected by infectious illnesses.

i The US-based company IHMA Inc has just one European site, which is in Monthey.



most notably in the treatment of breast cancer and arthritis.

i ExcellGene's cutting-edge expertise and bioreactors make cultured cells, from which a wide range of therapeutic proteins are made, up to twenty times more productive.

Information and communication technologies (ICT).

With a top-tier university of applied sciences and one of the best technology sites in Switzerland for studying information and communication sciences, Valais has a strong collaborative network of students, researchers, developers and entrepreneurs. IT and software solutions are developed here and then exported outside the canton. Is the Rhone valley the new Silicon Valley of Switzerland?



Biometric solutions.

KeyLemon is developing and commercialising biometric solutions based on facial and speech recognition. The KeyLemon solution is used mainly in smartphones for preventing access to sensitive personal data, such as online banking details, payments, transactions and other services. KeyLemon solutions are already used in around 3 million user devices.

i KeyLemon designed the integrated voice-recognition technology for Swisscom's TV-Box 2.0.

The internet of things.

Misurio specialises in optimisations within the energy sector. Misurio has developed and sold many software solutions, as well as smart controls in the fields of planning and operations. Its latest product is the “EnergyOn” platform, a cloud-based solution for large-scale use of the “Internet of things”.

- i** Energy suppliers, building technology specialists and the SBB (Swiss Federal Railways) all use Misurio systems.



Data Centre.

Krios, an information technology specialist, provides 100% Swiss (in terms of data and servers) IT data centre solutions (Swiss Cloud Provider), where security, adaptability and performance are key requirements. By using cloud IT services (virtual offices, IP phones, internet etc.), clients can update and simplify their

IT systems, manage and decrease their costs while improving their productivity.

- i** Since 2004, Krios has been investing in the development of its private Cloud and assisting businesses who want to move towards this model.



Did you know?

TechnoArk in Sierre was the first centre in Switzerland to specialise in information technology.



IT Solutions.

Groupe T2i is a software developer and service provider rising to the challenge of digitising businesses by offering solid and pragmatic IT solutions in the following fields: paperless offices, HR management, public administration and even computer infrastructure storage. Benefiting from 30 years of experience, Groupe T2i has a workforce of around 200.

- i** The Groupe T2i also has an overseas presence, most notably in France and Canada.

Innovation, research and development.

While Valais stands out in terms of its idyllic landscape and renowned tourist resorts, it also distinguishes itself by its creative strength in specialised industries. As a true centre for innovation and technology, Valais relies on an ecosystem geared towards the development of ideas thanks to its various research institutes, its universities of applied sciences and an innovation park which encourages start-ups to flourish. This strong network of partners attracts many students, researchers and entrepreneurs from Switzerland and abroad.

The Swiss Federal Institute of Technology (EPFL).

Dedicated to scientific research in the energy, health and environmental sectors, the Valais branch of the EPFL in Sion currently has 9 research chairs and 3 research groups. There will soon be 8 new environmental research chairs in the Sion branch. Every day, 180 researchers, professors and doctoral students work on EPFL's Valais site. In the future, 400 people will work on the Sion campus.

i 39 different nationalities work on the EPFL Valais campus.



Idiap Research Institute.

Based in Martigny, the Idiap Research Institute is a not-for-profit foundation specialising in research and development within the field of human-computer interaction and the processing of multimedia information. Idiap has a shared development plan with the EPFL since 2008. In total, around a hundred permanent researchers, doctoral and post-doctoral students work at this institute, which is recognised internationally for its multidisciplinary

projects in the processing of audio and video signals, machine learning and artificial intelligence.

i Idiap is one of the most active independent research institutes in the world in the field of information technology.



Foundation for innovation.

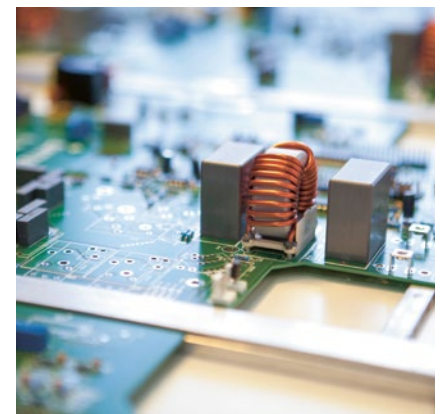
Founded in 2004 by the Canton of Valais, The Ark Foundation supports the establishment and incubation of start-ups and the growth of businesses in Valais in the areas of information and communication sciences, life sciences as well as energy and environmental sciences. The foundation offers its incubation, growth and innovation services to assist researchers and entrepreneurs distributed across the six sites of the Valais technology park, between Visp and Monthey.

i The Valais technology park spans more than 25,000 square metres.

Did you know?



The driverless bus system in Sion, developed by PostBus Switzerland and the Mobility Lab Sion-Valais, is a world-renowned test project.



Universities of Applied Sciences.

Thanks to its 9 courses of study and 7 research institutes throughout the canton, the HES-SO Valais/Wallis is an established centre for skills and innovation. It is made up of four universities of applied sciences specialising in health, tourism management, engineering and social work, and trains some 2,300 students each year. Employing around 490

full-time staff, the HES-SO also contributes to the economic and social development of Valais.

i The Institute of Systems Engineering within HES-SO Valais-Wallis works in particular in the space sector alongside NASA and ESA.

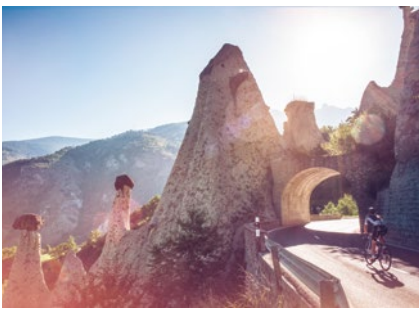


Valais. An experience without limits.

Basking in the heart of the Alps in southern Switzerland, nestling between Italy and France, Valais shares the “dolce vita,” lifestyle and southerly climate of its neighbours. It is a land of contrasts: from flourishing plains to majestic mountains, Valais is a paradise for those that live, work or study here. A place where others spend their holidays.

Valais for the intrepid

With 45 peaks over 4000m high, 8000km of hiking trails, mountain biking tracks, spectacular mountain views, and bike rides on legendary routes, Valais is the ideal playground for enhancing your sporting performance or simply making the most of the exceptional natural environment.



Valais for gourmets.

Raclette, dried meats, emblematic wines... there are so many specialities that make Valais an exceptional gourmet destination. With 8 AOP/IGP products, 72 restaurants appearing in the Gault&Millau restaurant guide and 11 Michelin-starred restaurants, Valais is a heaven for foodies and gourmets.



Peace and quiet in Valais.

With its vast natural parks, historical bisses, mountain lakes and thermal baths, Valais offers precious moments of calm to focus on inspiration and relaxation. Valais is a true paradise for nature-lovers.



Living in Valais.

Known particularly as a tourist attraction, Valais is also a great place to live. With its strong economy, cutting-edge businesses and flourishing educational institutions, Valais offers a wide range of opportunities for those wanting to study, work or invest here. There is an attractive quality of life here in the heart of the mountains.



Valais and innovation.

Strong on its reputation for its universities of applied sciences and the EPFL, Valais puts the emphasis on research and innovation. The canton advocates excellence and dynamism, with its trademark know-how recognised in the fields of information and communication technology, energy and life sciences.



The Valais brand.

Whether it is products, businesses, values or the land, the Valais brand stands for all that is best about our region. The brand, which is used across many sectors, highlights local produce as well as cutting-edge industrial products. More than a simple sign of recognition, the brand certifies the origin of the products from Valais.

Certified products.

The Valais brand guarantees that what the customer buys is indeed made in Valais. All products bearing the Valais brand meet a set of strictly-defined requirements and have been made by businesses which are mindful of the environment and social ethics. Certified products thus contribute to highlighting the many facets of Valais, the hallmark of exceptional diversity and a force for innovation. These innovative products, designed and devel-

oped in Valais, have put the canton and its remarkable expertise firmly on the map as a location that is geared towards excellence and quality.

i You can find all the certified products bearing the Valais brand at: valais.ch/marque

Did you know?



The smallest coffee machine in the world was produced in Valais. KISS is the fruit of Sion-based Gotec's skill and expertise. In 2015, this technological gem became the first industrial product to be certified with the Valais brand and it continues to shine a light on innovation in Valais today.



Partners.



GRAVÉ DANS MON CŒUR.

Valais/Wallis Promotion

Cantonal structure for the Promotion of Valais

valais.ch



Avenir Industrie Valais/Wallis

Stimulates the fabric of existing industries, defends and promotes it to policy-makers.

avenir-industrie-valais.ch



Business Valais

A single point of contact providing services for businesses.

business-valais.ch



The Ark

The Foundation for Innovation in Valais.

theark.ch



HES-SO Valais-Wallis

4 higher education establishments for training and innovation.

hevs.ch



Chambre Valaisanne de Commerce et d'Industrie
Walliser Industrie- und Handelskammer

Chambre valaisanne de commerce et d'industrie

A private umbrella organisation for the Valais economy.

cci-valais.ch

Find out more information about Valais industry at:
valais.ch/industrie

List of companies.

Adatis	11	Laboratoires Biologiques Arval	13
AISA Automation industrielle SA	19	Lemtronic SA	19
Aproz Sources Minérales	8	Lonza	25
Aqua-4D Water Solutions	15	Mecatis	22
Bollinger & Mabillard	21	Membratec	15
Cher-Mignon	9	Microprecision Electronics SA	23
Constellium	11	Mimotec	23
Cosmotec	13	Misurio	29
Debiopharm Research & Manufacturing SA	25	Myotest SA	26
DSM Nutritional Products Ltd	13	Novelis	10
ECKART Suisse SA	11	Pharmalp	13
Energie Solaire	17	Reco Mécanique SA	20
Eversys	19	R&D Carbon	18
ExcellGene	27	RedElec Technologie	15
Eyeware	27	Sanaro SA	9
Fly & Film	11	Satom SA	14
FMV SA	16	Scintilla SA	21
EPFL Valais Wallis	30	Société Suisse des Explosifs	25
Gotec	33	Soprod	23
Hangar 55	15	Steiger Participations	19
HES-SO Valais-Wallis	31	Stenheim	21
Huntsman	24	Studer Innotec	17
Idiap Research Institute	31	T2i	29
IHMA Europe Sàrl	27	The Ark Foundation	31
Atelier mécanique		TRB Chemedica SA	27
Jacquier-Luisier	17	Valperca	9
Kasperskian AG	9	Valplantes	12
KeyLemon	28	Valpellets	17
Krios	29	Valprécision	21
		West End Watch Co.	23

PUBLISHING INFORMATION

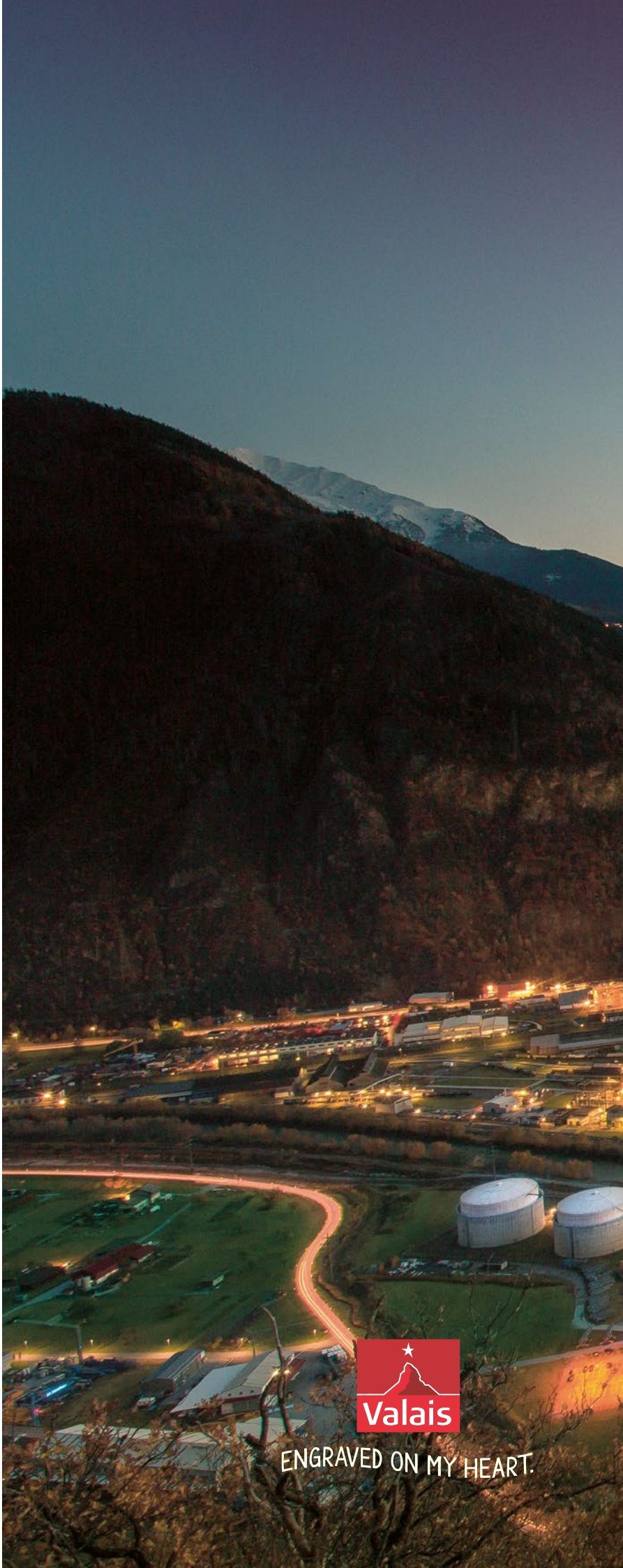
Text	Valais/Wallis Promotion
Design	Formaz – Andenmatten
Photos	Valais/Wallis Promotion, partners, Companies listed in the brochure
Cover	Viège, Lonza

© 2017 Valais/Wallis Promotion
All rights reserved.
Printed in Valais.

VALAIS/WALLIS PROMOTION

Rue Pré-Fleuri 6
PO Box 1469 | 1951 Sion
Switzerland

+41 (0)27 327 35 90
info@valais.ch | valais.ch



ENGRAVED ON MY HEART.